

Scoliosis IP Cassette

Tube side view

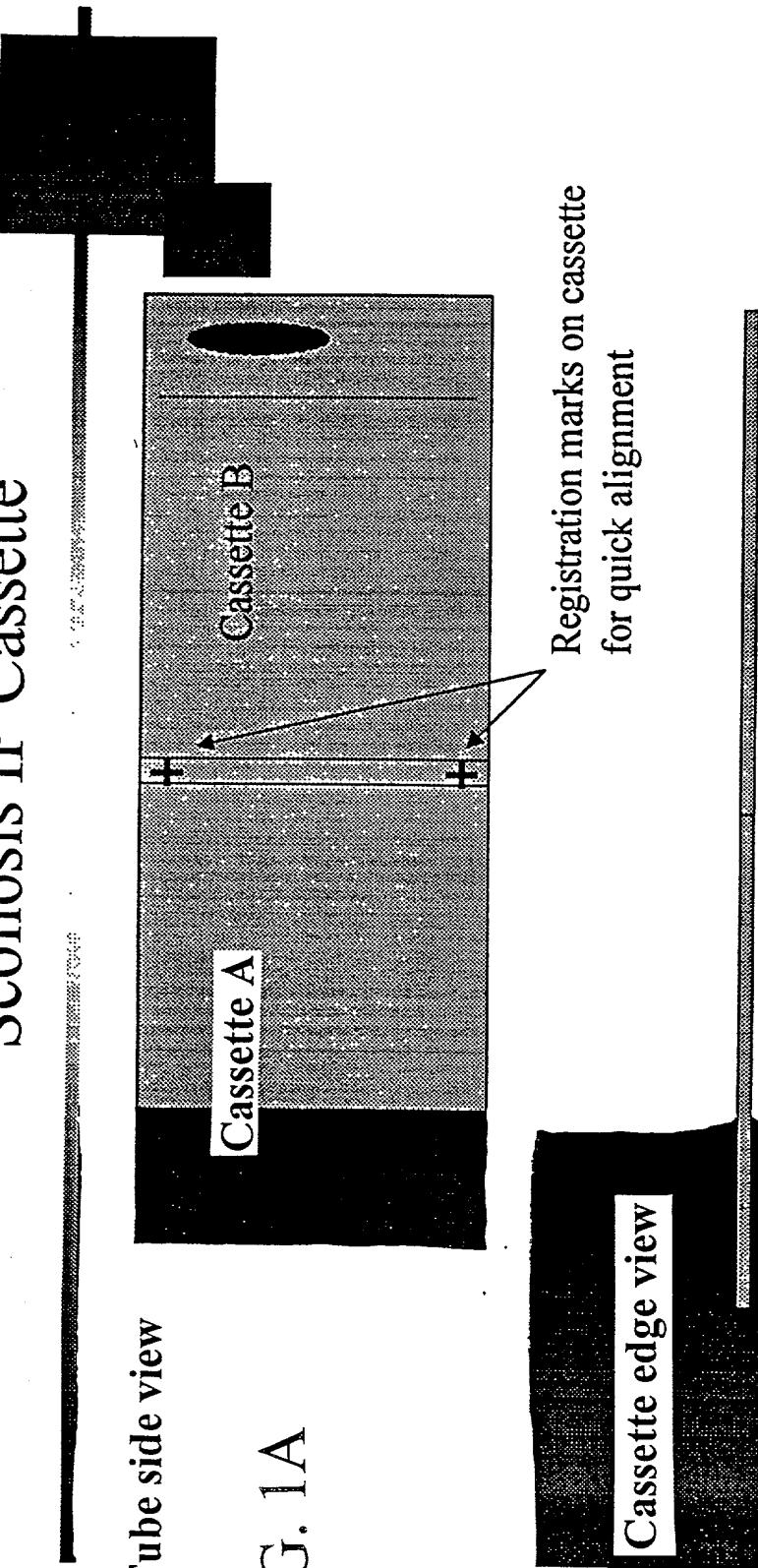
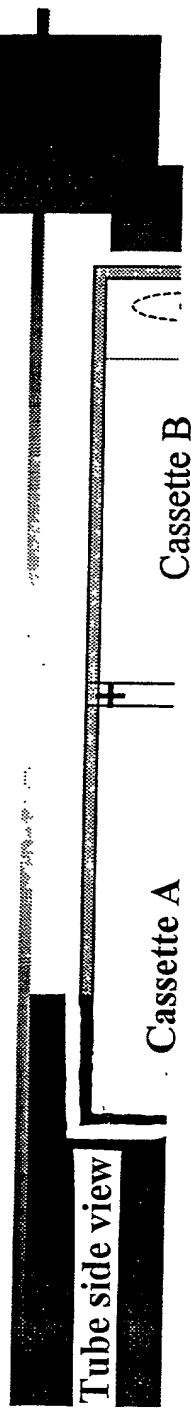


FIG. 1A

FIG. 1B

Cassettes are joined at the bottom - back is no longer hinged and Carbon fiber front may be replaced with Aluminum for strength of long cassette.

Imaging Plate Insertion



2 Imaging Plates (IP's) are inserted into cassette and overlap slightly

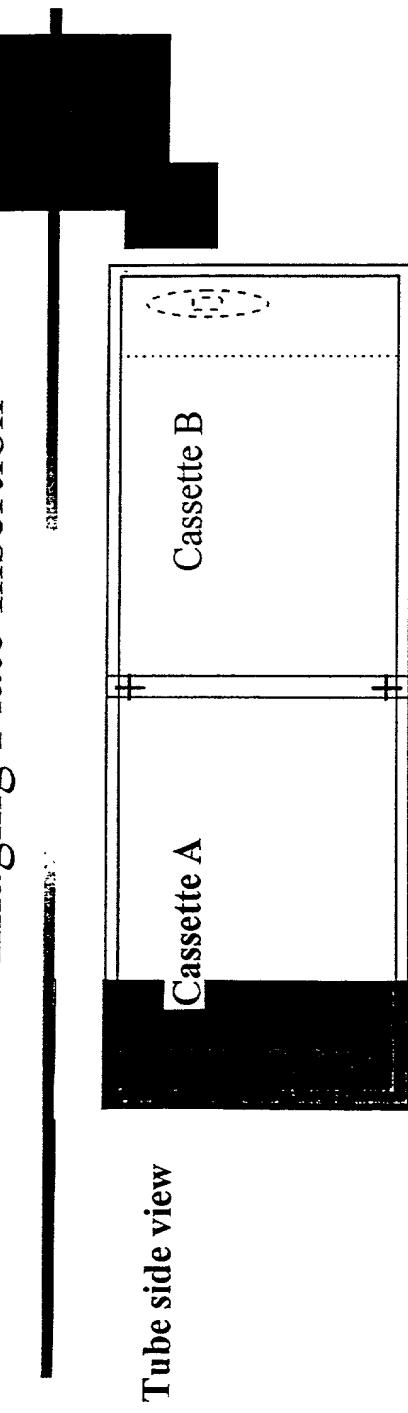
Cassette edge view
(Magnified)

FIG. 2

Because of the overlap, no diagnostic image information is lost
There is no gap between the IP's

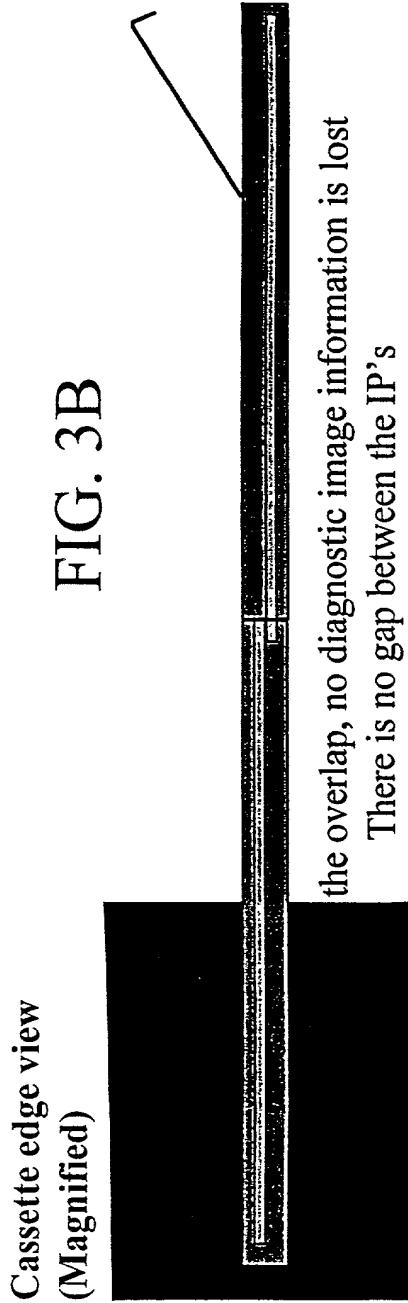
FIG. 3A

Imaging Plate Insertion



2 Imaging Plates (IP's) are inserted into cassette and overlap slightly

Cassette edge view
(Magnified)



the overlap, no diagnostic image information is lost
There is no gap between the IP's

Scoliosis IP Cassette

Cassette edge (Magnified
at junction of cassettes)

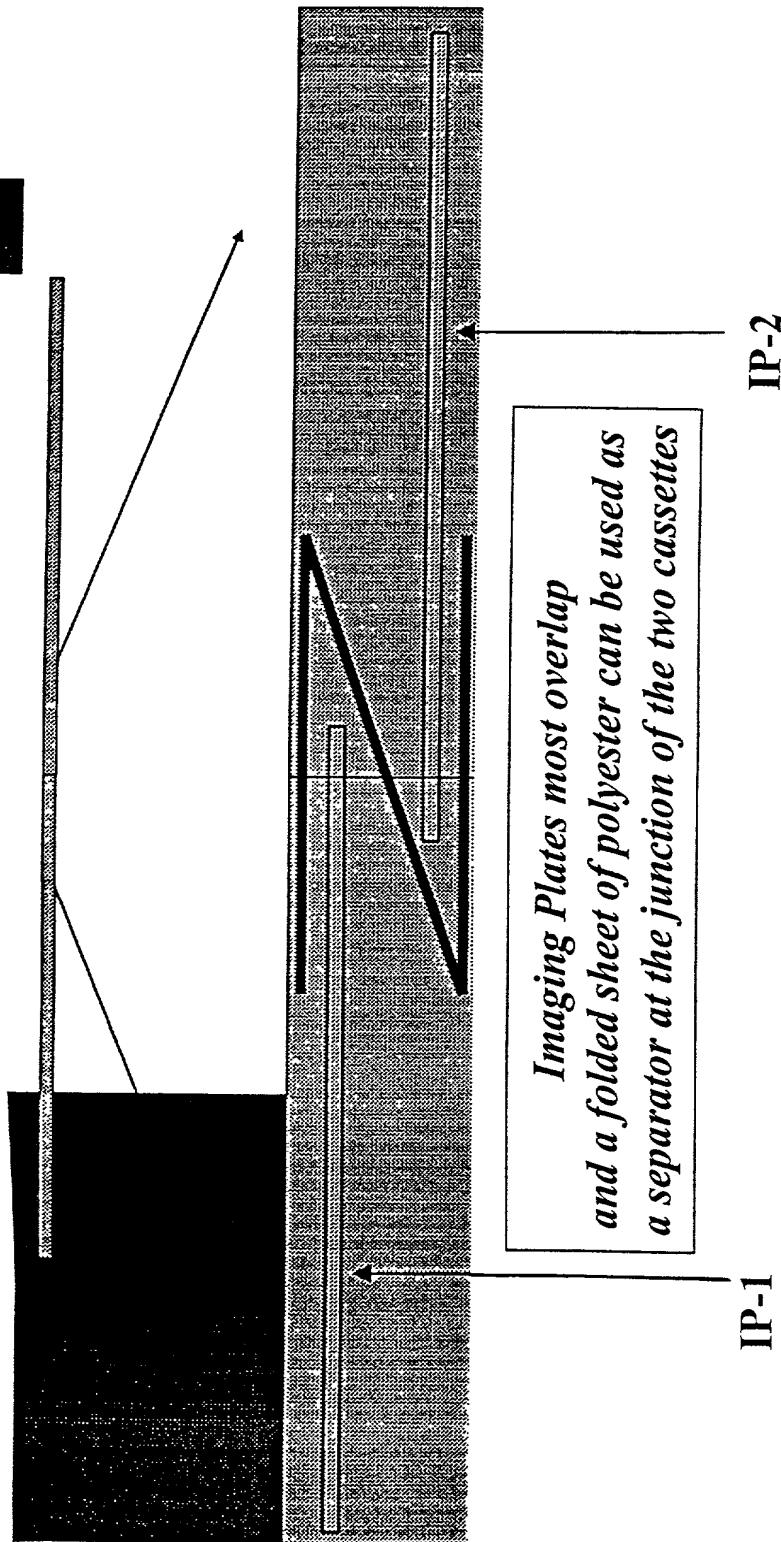


FIG. 4

Advantages of Dual Design

- Allows IP to be run through CR Reader without manually removing IP from cassette.
- Prevents loss of image information between IP's by overlap of IP's.
- Provides imaging capability for automatically processing images up to 14" x 34" previously 14" x 17" maximum size.
- Enables convenient use of Fuji Computed Radiography for Scoliosis and Long Leg examinations.

FIG. 5